It is Sunday the 13th January 2008 and here is ANARTS with our weekly RTTY broadcast bringing you - cast 1477.
Views expressed in this news bulletin are not necessarily those of the Broadcast Officer, the Relay Officers, or of the Society.
Items in this broadcast include
1. News item
2. IPS REPORT
3. VK2SG RTTY DX news
4. ARRL DX News
5. Contest calendar
6. Anarts Information
A.N.A.R.T.S. News Bulletin 1477 for 13th January 2008
Welcome back! On with the new year.

With the appearance of Sunspot 981 -- a high-latitude, reversed polarity sunspot -- on Friday, January 4, experts at NASA and the National Oceanic and Atmospheric Administration (NOAA) said that Cycle 24 is now here. "This sunspot is like the first robin of spring," said solar physicist Douglas Biesecker of the Space Weather Prediction Center (SWPC), part of NOAA. "In this case, it's an early omen of solar storms that will gradually increase over the next few years."
Solar physicist David Hathaway of NASA's Marshall Space Flight Center in Huntsville, Alabama concurred, saying that new solar cycles begin with a "modest knot" of magnetism, like the one that appeared on December 11 on the east limb of the Sun: "That patch of magnetism could be a sign of the next solar cycle. New solar cycles always begin with a high-latitude, reversed polarity sunspot." The region of magnetism that appeared back in December achieved high latitude (24 degrees North) and was magnetically reversed, but no supporting sunspot appeared until 25 days later.
Reversed polarity describes a sunspot with opposite magnetic polarity compared to sunspots from the previous solar cycle. High-latitude refers to the Sun's grid of latitude and longitude. Old-cycle spots congregate near the Sun's equator; new-cycle spots appear higher, around 25 or 30 degrees latitude. Sunspot 981's high-latitude location at 27 degrees North and its negative polarity leading to the right in the Northern Hemisphere are clear-cut signs of a new solar cycle, according to NOAA experts. The first active regions and sunspots of a new solar cycle can emerge at high latitudes while those from the previous cycle continue to form closer to the equator.
(So, it looks like it’s all go – ed.)
from the ARRL Letter 11th January 2008

IPS Weekly Solar and Geophysical Report for 4th to 10th January, issued on 11th January by the IPS Radio and Space Services.
SUMMARY

Date	04	05	06	07	08	09	10
10cm flux	79	80	79	78	76	77	76
AFr index	2	13	12	10	11	6 (	5 estimated)
Aaus index	4	22	16	10	11	8 (	5 estimated)
T index	-4	15	-2	3	4	4	-7

Solar flare activity was low on 7th, and very low otherwise.
Geomagnetic activity observed for the Australian region was quiet on 4th and 10th; unsettled to minor storm on 5th; unsettled to active on 6th; mostly quiet to unsettled on 7th; and quiet to unsettled on 8th and 9th.
Southern Australian ionospheric F2 critical frequencies were near predicted on 4th, 7th to 9th; near predicted to 20 per cent depressed on 5th; depressed 15 percent on 6th to 65 per cent enhanced after local dawn. On 10th, frequencies were near predicted with some depression to 25 per cent. Sporadic E was recorded on 8th, 9th and 10th, with blanketing of the F region on that day for much of the time at Canberra and Sydney.
Forecast for 11th to 17th January.
Solar activity should be low.
Geomagnetic activity should be mostly quiet 11th and 12th; quiet to active with isolated minor storm

periods 13th to 14th; and quiet to unsettled 15th to 17th although there is still the chance of isolated active periods on 15th and 16th.
Frequencies should be near predicted monthly values with depressions to 30 per cent at times. with deeper depressions expected 14th to 17th.
For an explanation of some of the terms in this report, go to
http://www.ips.gov.au/1/2/1.
courtesy of the IPS Radio and Space Services
summary by Pat VK2JPA ANARTS Broadcast Officer

RTDX0110 RTTY DX
VK2SG RTTY DX NOTES for week ending 10 January (BID RTDX0110)
Our information this week came from AA5AU, I5FLN, DJ3IW, GB7DXG and
the OH2AQ DX Summit.
Thank you all.
Bandpass
Friday 04

0018-7053	P49X
0031-3595	P49X
0146-14090	XE2ML
0336-7078	KH6GMP
0550-14082	JT1DA
0640-14089	HL5YI
0859-14071	SU1KM
0908-7041	MJ/F4EGD
0957-14081	CU6NS
1001-18103	ER3ZZ
1104-14085	ZL1BYZ
1143-3521	DU1IST
1223-14081	E20WXA
1244-14085	SU1KM
1247-14088	CN8IG
1304-10143	HK3WGQ
1313-14083	PD08HNY Special event
1322-10145	ZC4LI
1427-14080	P49X
1432-14084	TF3GC
1459-21085	P49X
1518-10138	W5KDJ
1649-14085	CN8IG
1811-10143	9M2CCO
1952-14087	P49X
1954-21085	P49X
2034-14089	KL8DX
2111-10139	MJ/F5MOO
2317-7044	EA6BH
2327-7085	P49X
2347-14085	XW1B
2353-3586	TF3GC

Saturday 05

0101-14082	E20WXA
0128-10121	J69DS
0233-1840	UA6JY
0240-1839	RD3BD
0252-3585	FM5AA
0302-3589	P49X
0304-7043	KH6GMP
0359-7080	P49X
0421-3588	KL8DX
0449-21082	3D2BV via JA1PBV
0720-14083	3D2BV
0820-14084	VK7AAP/4
0831-18104	A45WD
0849-7036	DS5QLJ

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0902-14085      SU1KM
0916-7042       MJ/F4EGD
0951-14084      XU7ABN
1018-14090      UN7TZ
1051-14087      J69DS
1059-18104      EA1MX
1112-18106      EY8AW      via DJ1MM
1129-14083      EK8ZZ
1159-14082      E20WXA
1316-10145      ZC4LI
1324-18110      CO8LY
1342-21085      P49X
1400-14091      P49X
1412-14084      HK6DOS
1420-21083      CN8IG
1432-14076      KP4KE
1449-18103      W2V
1451-14082      GI4WXA
1457-18104      OK2PYA
1510-14081      SU1KM
1520-14081      CO2GL
1531-28082      J69DS
1554-14086      8P9NX
1559-14079      HI3TEJ
1620-14095      SV9CVY
1633-10146      EA9IB
1653-14086      KD4POJ  North Dakota
1726-10139      MJ/F4EGD
1728-14086      OX3DB
1733-14086      CV5K
1752-14087      ZS2EZ
1800 - Start of ARRL RTTY Roundup!
1814-7042       GJ4FDM
1818-14078      XE2ML
1821-14082      W0SD            South Dakota
1824-21095      HI3T
1825-21089      KH6ZM
1827-21091      ZX2B
1832-21091      KH6FI
1835-21094      YV6BTF
1855-21074      J39BS
1858-14069      KP4KE
1908-14074      YV1RDX
1918-7051       PD08HNY
1923-14069      XE1L
1928-21089      HR2/LT0E
1937-21079      KH6CW
1945-7034       VR10XLN
1947-14068      AL1G
1953-7040       GU6EFB
1955-14087      ZS2EZ
1957-7029       CT9M
2004-14102      WY7LL           Wyoming
2007-21081      XE1ZVO
2017-7045       EA8ANE
2018-3586       PF07XMAS  Special event
2019-21079      LV5V
2022-21097      KP4KE
2038-21087      P49X
2042-21089      KH6ZM
2043-21088      ZL1BYZ
2045-21091      KH6FI
2048-14073      P49X
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2052-14077      VK7CLA/4
2053-21098      ZX2B
2100-21092      ZL4PW
2104-21097      J39BS
2111-14084      W7RSJ           Wyoming
2114-21086      ZM2A
2119-3579       VK6HD
2127-3527       E21YDP
2137-3590       MM0BQI
2150-21089      HR2/LT0E
2201-21076      XE1CT
2209-14086      KH6ZM
2216-14131      YV5AAX
2218-14087      ZL4PW
2220-7053       P49X
2246-14073      P49X
2247-14086      DU1IVT
2257-14065      J39BS
2300-14116      YV5AAX
2301-14080      HI3T
2305-14101      YV6BTF
2306-14099      ZX2B
2310-14084      XE3RBA
2313-14086      KH6ZM
2314-7045       HR2/LT0E
2320-14091      KH6FI
2326-7070       WY7LL
2334-14102      XE1CT
2339-14124      KP4KE
2344-21083      KH6GMP
2349-21081      VK7CLA/4
2350-7057       MI0LLL
2351-14114      KH6CW
2352-14116      YV5AAX
Sunday 06
0002-21087      ZM2A
0010-7028       XE1L
0012-3598       P49X
0030-14120      AL1G
0052-14085      CV5K
0100-14083      FO5PS
0117-7034       K0LD            North Dakota
0117-21088      6K5AQY
0120-21090      ZL1BYZ
0121-7038       CN8KD
0122-7061       MJ/F4EGD
0122-21089      ZL4PW
0126-18102      E20WXA
0129-14095      E21YDP
0152-7038       CN8KD
0154-7043       AL1G
0154-7061       MJ/F4EGD
0203-28081      ZL1BYZ
0205-14084      DV1JM
0208-7053       4L1FP
0212-21089      BX4AF
0214-3600       MI0LLL
0231-7051       HK3WGQ
0236-21081      VR10XLN
0257-7080       KH6ZM
0258-21092      DU7/G4DUM
0300-7029       J39BS
0306-28082      3D2BV
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0313-7047	ZS2EZ	
0322-3565	MJ/F5CWU	
0331-21085	HL4CEL	
0347-18102	HS0ZSB	
0349-3560	K7RE	South Dakota
0413-3592	PZ5YV	
0416-7048	4M5RY	
0421-3598	P49X	
0431-3572	WY7LL	
0434-21082	VK7CLA/4	
0439-7053	P49X	
0440-3585	KH6ZM	
0448-3596	HI3T	
0448-7048	4M5RY	
0454-14085	UN6P	
0454-3598	K0LD	
0458-18105	3D2BV	
0510-21082	UN6G	
0514-3596	K0LD	
0521-3595	PZ5YV	
0521-21090	UN4PG	
0528-7051	CV5K	
0541-1837	UV5ENB	
0601-7051	CV5K	
0625-3583	MI0LLL	
0627-14084	XU7ABN	
0650-21085	HL5JCB	
0709-7031	ZC4LI	
0711-21087	A45WD	
0716-14090	VR10XLN	
0721-14079	TR8CA	
0724-14094	BX4AF	
0734-7041	EA6BH	
0735-21083	DV1JM	
0736-7051	CV5K	
0749-14101	VK7CLA/4	
0750-7046	AD7OY	Nevada
0800-7045	MJ/F4EGD	
0804-7031	KH6ZM	
0813-7043	ZX2B	
0814-21079	A45WD	
0820-7033	VR10XLN	
0822-14099	BD4SP	
0832-21093	VK6HD	
0833-7036	CT9M	
0836-7036	P49X	
0843-21086	ZL1BYZ	
0850-7049	HI3T	
0854-7037	6K5AQY	
0924-7032	AL1G	
0926-7035	3D2BV	
0930-7043	GU6EFB	
0931-7031	GM4FAM	
0939-7034	HL2KV	
0940-7035	MM0BQI	
0940-21079	VR10XLL	
0941-7037	4M5RY	
0941-7035	KL7OO	
0941-7035	CV5K	
0947-14083	4S7BGG	
1013-7032	DS4DRT	
1015-14090	CN8KD	
1030-7032	E21YDP	

1041-7034	J39BS	
1100-21092	LV5V	
1113-18105	E20WXA	
1115-7037	DU1IVT	
1135-14113	PZ5YV	
1136-7033	ZM2A	
1139-21096	A45WD	
1156-21084	MW0CRI	
1200-7038	4S7BGG	
1206-21088	CN8IG	
1214-7037	ZL1BYZ	
1220-14079	KP4KE	
1227-21076	ZC4LI	
1231-14077	PZ5YV	
1241-7033	E21YDP	
1245-21100	LU1BJW	
1316-14087	FG5LA	
1332-14121	YV5AAX	
1355-21092	HI3T	
1413-7039	YB0KYM	
1422-21082	P49X	
1431-14107	XE1L	
1431-21087	CV5K	
1435-14127	HP1AC	
1436-14116	EI3GC	
1451-7042	DS5DYM	
1518-21082	HR2/LT0E	
1521-21087	CV5K	
1525-14083	E21YDP	
1530-28081	J39BS	
1535-7034	DV1JM	
1539-14079	PZ5YV	
1549-21086	MI0LLL	
1609-7046	E21YDP	
1618-7078	K0LD	
1634-21097	LV5V	
1637-14060	KD0S	South Dakota
1640-14108	N7ON	Nevada
1645-3586	PF07XMAS	
1645-21078	XE1CT	
1647-14085	TG9ANF	
1705-14087	AJ1M	West Virginia
1726-7049	ZC4LI	
1733-21089	CV5K	
1745-14082	GW7X	
1802-21085	YV5AAX	
1804-21086	CX3CCC	
1806-14108	P49X	
1817-14091	KH6ZM	
1823-14096	ZS2EZ	
1828-21099	ZX2B	
1834-14109	HK3WGQ	
1838-7032	ZM2A	
1842-21107	XE1L	
1844-7035	E21YDP	
1846-21089	HR2/LT0E	
1846-14123	KH6CW	
1853-7032	4X6UU	
1858-21089	4M5RY	
1901-21073	J39BS	
1917-21086	KH6ZM	
1921-21092	ZL4PW	
1924-7043	CN8KD	

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1931-21072      KH6FI
1942-14102      KP4KE
1944-21099      ZX2B
1944-21084      ZL1BYZ
2001-21092      FG5LA
2003-21093      HI3T
2010-7045       CN8KD
2016-21072      KH6FI
2016-21092      HP1AC
2018-21087      CX3CCC
2031-21103      LV5V
2037-14083      W7RSJ           Wyoming
2103-14087      TG9ANF
2103-21079      KH6ZM
2110-14118      KH6GMP
2111-7039       CN8IG
2113-7052       J39BS
2115-14096      AL1G
2116-14119      KP4KE
2116-14121      KH6CW
2125-14110      4M5RY
2131-14126      KO7X            Wyoming
2132-14080      K0LD
2136-14122      NL7V
2137-7052       P49X
2146-21090      HR2/LT0E
2148-7041       EA8ANE
2153-14110      XE1L
2200-14080      KH6FI
2212-14093      4U1WB
2219-14119      DL9DAK/HC1
2232-14067      J39BS
2242-7077       KO7X
2243-14071      AL2F
2249-14076      KH6ZM
2249-14075      HK3WGQ
2249-3593       MI0LLL
2259-14085      KP4ED
2259-7087       AB0LR           Colorado
2310-14104      W7UG            Oregon
2321-7053       P49X
2332-7042       W8WEJ   West Virginia
2346-3602       ZC4LI
2348-14109      XE1L
2357-14084      KD4POJ  North Dakota
2359-7037       HR2/LT0E
ARRL RTTY Roundup ends.
Monday 07
0713-7041       3D2BV
0851-14084      UE1RFF
0914-14083      UK8OAR
0927-14079      HG100WTE  Special event
1029-18104      EY8AW
1035-10142      3D2BV
1122-14083      UN1L
1134-18100      E20WXA
1139-14085      XU7ABN
1414-14084      HK6DOS
1445-14090      VQ9JC
1453-14080      T77NM
1518-14087      SU1KM
1546-14080      E20WXA
2008-7045       YV2FYY
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2247-1808       P49X
2312-1807       KK5OQ
2329-1806       WE9M
Tuesday 08
0122-1807       W2QO
0149-1809       AD6WL
0253-1810       K4CMC
0717-14082      4K9W
0842-18102      4K9W
1038-10142      3D2BV
1103-14082      UK8OAR
1144-14082      VK2KM
1203-3522       E21YDP
1218-14083      MM3LSO
1237-14089      UK9AA
1238-14086      UN1L
1313-18102      4K9W
1344-14081      HG100WTE
1350-14087      CN8IG
1410-10140      4K9W
1427-10141      IZ4CZL
1827-7038       HB10DX  Special event
2158-14085      J69DS
2238-1817       VE2NSU
2244-3585       9A35RKP Special event
Wednesday 09
0300-1810       CO8LY
0304-1808       W1BYH
0307-1810       W2QO
0344-1812       VE3WQ
0414-1839       RV9XM
0830-14084      JA1BNL
0847-14082      SU1KM
0849-14082      JT1KAA
0944-18101      E20WXA
0955-24910      4X6ZQ
1138-3522       E21YDP
1152-14083      VK2KM
1210-14085      EA6NB
1405-14079      E20WXA
1417-14087      HG100WTE
1442-14081      SU1KM
1459-14081      EA8PE
1619-14082      TF3GC
1629-14081      GI4WXA
1710-14086      EA8OM
2038-3587       RA3CQ
Thursday 10
0229-3586       FM5AA
0254-3585       KP4ED
0336-7035       YT1LD
0440-1809       W6WRT
0928-10141      ZL/IZ1GLO
0940-18107      9M2MT
1013-18101      E20WXA
1125-1807       W6WRT
1229-14085      VK2KM
1254-14086      UN1L
1320-14083      KP4ED
1425-18104      CX2AQ   via EA5KB
1432-18102      I5RFD
1432-18102      W2V
1439-18104      KP4ED
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1504-14080 MI0KPA
1514-18103 DJ9VA
1729-1838 RD3BD
Notes of interest:
If you entered the ARRL RTTY Roundup, please submit your logs to:
RTTYRU@arrl.org
It doesn't matter how many (or how few!) contacts you made, all logs
help, and would be happily received by the contest organisers.
PZ Surinam Jan 05 - 15 By multinational team as PZ5YV
QSL to IT9DAA
FO/m Marquesas Jan 09 - 22 By OH1RX OH2PM OH6KN OH8NC
QSL to OH2PM
KH0 Mariana Islands Jan 10 - 14 By JI5USJ JI5RPT as KH0/JI5USJ and AH0V
QSL via home calls
J5 Guinea Bissau Jan 10 - 21 By F4AJQ F8IXZ F5JSD F5VHQ F5TVG F5PED F4TTR
F8BUI
F8BJI F2JD F2VX F9IE N2WB N6OX OE8KDK as J5C
QSL to F5TVG
5H Tanzania Jan 13 - 24 by DL7CM as 5H1CM
QSL to DL7CM
Look for TO5FJ to be active from the newest DXCC, St Bart's, this coming
week.
QSL Routes:
3D2BV via JA1PBV
Ito Sadao
3-8-12 Baraki
Ishioka-City, Ibaraki
315-0042
Japan
EY8AW via DJ1MM
Sergej Kovalev
P O Box 1227
Toeging, 84510
Germany
CX2AQ via EA5KB
Jose Ardid Arlandis
P O Box 5013
Valencia 46080
Spain
The VK2SG RTTY DX NOTES are distributed every week via the
Winlink network, and are also available on the Internet at
URL http://mailman.qth.net/mailman/listinfo/vk2sg-rtty
and the digital-dx reflector.
To subscribe to the digital-dx reflector, send an e-mail
message to majordomo@mla.nifty.ne.jp as follows:
Subject:(blank) Message Body: subscribe digital-dx
For next week's bulletin, send your bandpass and notes of
interest to For next week's bulletin, send your bandpass and notes of
interest to Goetz DJ3IW
GL and GD RTTY DX de
Phil Cooper GU0SUP email pcooper@guernsey.net

ARLD002 DX news for 10th January 2008
TANZANIA, 5H. Hans, DL7CM will be QRV as 5H1CM from Uroa White
Villa, Zanzibar Island, IOTA AF-032, from January 13 to 24. He will
be active holiday style on 160 to 6 meters using CW, SSB and RTTY.
QSL to home call.
CROATIA, 9A. Special event call 9A35RKP is active until the end of
2008 in celebration of the 35th anniversary of the Pazin Radio Club.
QSL via 9A7P.
BOLIVIA, CP. Claus, CP4BT has been active on 30 meters around 0130
and 0300z. QSL via EA5KB.
GERMANY, DA. Special event call DR8M is active until the end of

2008 to mark the 850th anniversary of the city of Munich. QSL via bureau.
ANTARCTICA. Felix, DL5XL and Mirko, DG9BHQ are QRV as DP0GVN from the German Antarctic Base Neumayer II, IOTA AN-016. Activity is on the HF bands using SSB and PSK31. QSL via DL5EBE.
LIBERIA, EL. Jim, EL2DX has been QRV on 160 meters around 2300 to 0700z. QSL direct.
ST. BARTHELEMY, FJ. Yuichi, JR2KDN and Paul, F6EXV are QRV as TO5FJ. Activity is on 160 to 10 meters using SSB, with some CW and RTTY. QSL via F6EXV.
GALAPAGOS ISLANDS, HC8. Peter, DL9DAK will be QRV as DL9DAK/HC8 from January 15 to 18. Activity will be on 40, 20 and 17 meters using digital modes. QSL to home call.
DOMINICAN REPUBLIC, HI. Simone, IZ5JNQ is QRV as HI/IZ5JNQ from Santo Domingo, IOTA NA-096, until January 26. Activity is on 20, 15 and 10 meters using SSB with some digital modes. QSL direct to home call.
REPUBLIC OF KOREA, HL. Chae, HL5YI/4 will be QRV from Sorok Island, IOTA AS-060, from January 18 to 21. Activity will be on 80, 40, 20 and 10 meters using CW, SSB and RTTY. QSL to home call.
THAILAND, HS. Simon, G6JFY is QRV as HS0ZIB from Phuket Island, IOTA AS-053. Activity is on the HF bands. QSL via operator's instructions.
ANTARCTICA. Helmuth, W6KDX is QRV as KC4AAA from the Amundsen-Scott South Pole Antarctica Base. He is usually active on 20 meters using SSB around 1700 to 0400z. QSL via K1IED.
GUINEA-BISSAU, J5. A large group of operators will be QRV as J5C from Bubaque Island, IOTA AF-020, from January 12 to 21. Activity will be on 160 to 10 meters using CW, SSB, FM, SSTV and digital modes with five stations active simultaneously. QSL via F5TVG.
ST. VINCENT, J8. Peter, G3XJE is QRV as J8ARF until January 15. Activity is mostly on 20 meters during his spare time. QSL to home call.
MARIANA ISLANDS, KH0. Koya, JI5RPT and Toru, JI5USJ are QRV as AH0V and KH0/JI5USJ, respectively, from Saipan, IOTA OC-086, until January 14. Activity is on 80 to 6 meters, including 60 meters for US stations, and on various satellites, using CW, SSB and digital modes. QSL to home calls.
EAST KIRIBATI, T32. La Marr, T32Z is QRV until January 23. QSL via K3PD.
NAMIBIA, V5. Station V55SRT is QRV until September 2008. Activity is on the HF bands using SSB, RTTY and PSK. QSL via IZ8EDJ.

Digital Contest Calendar
January 2008
BARTG RTTY Sprint1200Z, Jan 26 to 1200Z, Jan 27

The Society can be contacted in the following ways: To Pat VK2JPA via patleeper at optusnet.com.au, or you can drop a line to PO Box 93 Toongabbie NSW 2146.
73’s from Pat VK2JPA broadcast Officer.